

Adaptive agent organisations

Argente, Estefania; **Kirikal, Kristi; Taveter, Kuldar** Agreement technologies 2013 / p. 321-353

Agent-based computational experiments in two-sided matching markets = Agendipõhised arvutuslikud eksperimentid kahepoolsetel sobitusturgudel

Veski, Andre 2017 <https://digi.lib.ttu.ee/i/?7896> https://www.ester.ee/record=b4683657*est

Agent-based software design

Oja, Margus; **Tamm, Boris, inform.; Taveter, Kuldar** Proceedings of the Estonian Academy of Sciences. Engineering 2001 / p. 5-21 https://www.ester.ee/record=b1072102*est https://artiklid.elnet.ee/record=b1006233*est

Agent-based templates for implementing proactive real-time systems

Mõtus, Leo; Meriste, Merik; Kelder, Tõnis; Helekivi, Jüri Proceedings of the International Conference on Computing, Communications, and Control Technologies : Texas, USA, 2004. Vol. 1 2004 / p. 199-204

Agent-oriented business rules : deontic assignments

Taveter, Kuldar; Wagner, Gerd Proceedings of the International Workshop on Open Enterprise Solutions : Systems, Experiences, and Organizations (OES-SEO 2001) : 14-15 September 2001, Rome, Italy 2001 / p. 1-10 : ill

Agent-oriented engineering of trust management systems

Zupancic, Eva; Trcek, Denis; **Taveter, Kuldar** AT 2012 : Agreement Technologies : proceedings of the First International Conference on Agreement Technologies : Dubrovnik, Croatia, October 15-16, 2012 2012 / p. 349-350
https://www.researchgate.net/publication/265087406_Agent-Oriented_Engineering_of_Trust_Management_Systems

Agent-oriented enterprise modelling based on business rules

Taveter, Kuldar; Wagner, G. Proceedings of the 20th International Conference on Conceptual Modeling : Yokohama, Japan, November 27-30, 2001 2001 / ? p

Agent-oriented knowledge elicitation for modeling the winning of "Hearts and Minds"

Shvartsman, Inna; Taveter, Kuldar Proceedings of the Federated Conference on Computer Science and Information Systems : FedCSIS 2011 : Szczecin, Poland, 18-21 September 2011 2011 / p. 604-608 : ill https://kodu.ut.ee/~kuldarta/Papers/Fail_SK2011.pdf

Agent-oriented modelling for simulation of complex environments

Shvartsman, Inna; Taveter, Kuldar; Parmak, Merle; **Meriste, Merik** Proceedings of the International Multiconference on Computer Science and Information Technology (IMCSIT 2010) : Wisla, Poland, 18-20.10.2010 2010 / p. 209-216 : ill <https://annals-csis.org/proceedings/2010/pliks/177.pdf>

Agent-oriented modelling for tabletop military training exercises

Švartsman, Inna; Taveter, Kuldar Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK seitsmenda aastakonverentsi artiklite kogumik : 15.-16. novembril 2013, Haapsalu 2013 / p. 91-94 : ill

Agentorienteeritud modelleerimise kunst : sõnavõtt Leon Sterlingi ja Kuldar Taveteri monograafia "The art of agent-oriented modelling" esitlusel 27. oktoobril 2009 TTÜ Raamatukogus

Taveter, Kuldar Tallinna Tehnikaülikooli aastaraamat 2009 2010 / lk. 281-284 : ill https://www.ester.ee/record=b1212786*est

An architecture for a multiagent systems test-bed [Electronic resource]

Mõtus, Leo; Meriste, Merik; Kelder, Tõnis; Helekivi, Jüri Proceedings of the 15th IFAC World Congress : Barcelona, Spain, 2002 2002 / [7] p. : ill. [CD-ROM]

An expressway from agent-oriented models to prototypes

Taveter, Kuldar; Sterling, Leon Agent-oriented software engineering VIII 2008 / p. 147-163 : ill

Analysis and categorization of enterprises for agent-based automation

Kirikal, Kristi; Taveter, Kuldar 2010 19th IEEE International Workshop on Enabling Technologies: Infrastructures for Collaborative Enterprises (WETICE) : proceedings : Larissa, Greece, June 28-30, 2010 2010 / p. 29-34 : ill

Authentication using shared knowledge

Kimlaychuk, Vadim International journal of computer science and security 2009 / 5, [5] p https://link.springer.com/chapter/10.1007/978-3-642-33932-5_48

Authentication using shared knowledge : learning agents

Kimlaychuk, Vadim Intelligent autonomous systems 12. Vol. 2, Proceedings of the 12th International Conference IAS-12, held June 26-29, 2012 : Jeju Island, Korea 2013 / p. 523-531 : ill https://doi.org/10.1007/978-3-642-33932-5_48 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Bringing service design thinking into the public sector to create proactive and user-friendly public services

Sirendi, Regina; Taveter, Kuldar HCI in Business, Government, and Organizations : Information Systems : third International Conference, HCIBGO 2016 held as part of HCI International 2016, Toronto, Canada, July 17-22, 2016 : proceedings. Part II 2016 / p. 221-230 : ill https://doi.org/10.1007/978-3-319-39399-5_21 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Business rules' approach to the modelling, design, and implementation of agent-oriented information systems

Taveter, Kuldar Proceedings of the International Bi-Conference Workshop on Agent-Oriented Information Systems : (AOIS'99) : May 1, 1999, Seattle, and June 14-15, Heidelberg, Germany 1999 / p. 81-97

C# templates for time-aware agents

Meriste, Merik; **Mõtus, Leo**; Kelder, Tõnis; Helekivi, Jüri Proc. 7th International Conference on Enterprise Information Systems : ICEIS2005. 4 2005 / p. 247-250 <https://www.scitepress.org/PublishedPapers/2005/25084/25084.pdf>

Combining AOR diagrams and ross business rules' diagrams for enterprise modeling

Taveter, Kuldar; Wagner, G. Proceedings of the Second International Bi-Conference Workshop on Agent-Oriented Information Systems (AOIS-2000) : 5-6 June 2000, Stockholm (Sweden) and 30 July 2000, Austin (Texas, USA) 2000 / p. 113-130

Composition of the information systems from web services and software agents

Õunapuu, Enn QoS in CBSE 2003 : proceedings of the 1st International Workshop on Quality of Service in Component-Based Software Engineering : Workshop at Ada-Europe 2003 : Toulouse, France, June 2003 2003 / p. 23-31 : ill

Creating intelligent agents in JADE : (an example of ant colony simulation)

Kimlaychuk, Vadim Proceedings EISTA '04 : International Conference on Education and Information Systems, Technologies and Applications : July 21-25, 2004, Orlando, Florida, USA. Vol. 1 2004 / p. 55-60

Decision support component in intelligent e-learning systems

Õunapuu, Enn Proceedings of the Seventh IASTED International Conference on Computers and Advanced Technology in Education : August 16-18, 2004, Kauai, Hawaii, USA 2004 / p. 278-283 : ill
https://www.academia.edu/63163859/Decision_Support_Component_in_Intelligent_E_Learning_Systems

Decision support techniques in adaptive learning systems

Õunapuu, Enn; Nužnaja, Jelena Proceedings of the IADIS International Conference on Cognition and Exploratory Learning in Digital Age (CELD 2005) 2005 / p. 379-382 <https://www.iadisportal.org/digital-library/decision-support-techniques-in-adaptive-learning-systems>

Describing agent organisations

Argente, Estefania; Boissier, Olivier; Esparcia, Sergio; Görmer, Jana; **Kirikal, Kristi; Taveter, Kuldar** Agreement technologies 2013 / p. 253-275

Design of an environment for agent-based simulation of air-to-air business processes

Sterling, Leon; **Taveter, Kuldar** The 7th European Workshop on Multi-Agent Systems : EUMAS 2009 : Ayia Napa, Cyprus, December 17-18, 2009 : proceedings 2009 / ? p

Designing adaptive multi-agent systems by agent-oriented modelling

Taveter, Kuldar; Kirikal, Kristi Proceedings of the 18th IFAC World Congress, 2011 : Milano, Italy, August 28 - September 2, 2011 2011 <https://folk.ntnu.no/skoge/prost/proceedings/ifac11-proceedings/data/html/papers/3497.pdf>

Designing proactive public services as sociotechnical systems by using agent-oriented modelling

Sirendi, Regina Proceedings of the 16th European Conference on e-Government : ECEG 2016 : hosted by Faculty of Administration, University of Ljubljana, Slovenia, 16-17 June 2016 2016 / p. 308-316 : ill

Domain-specific language agents [Electronic resource]

Meriste, Merik; Helekivi, Jüri; Kelder, Tõnis; **Mõtus, Leo** Proceedings of the International Conference on Advances in Infrastructure for Electronic Business, Education, Science and Medicine on the Internet, L'Aquila, Italy, 2002 2002 / [8] p. [CD-ROM]
https://www.researchgate.net/publication/220919172_Domain-Specific_Language_Agents

Educational information systems creation - web service and agent based development

Õunapuu, Enn Educational Technology : International Conference on ICT's in Education, [Badajoz, Spain, 2002]. Vol. 1 2002 / p. 554-558

Eesti keelekeskkonna agendipõhine modelleerimine [Võrguväljaanne]

Ehala, Martin; **Taveter, Kuldar** Generatiivse grammatika grupi juubelikoosolek 18.12.2015 : teesid 2015 / lk. 28-29
https://dspace.ut.ee/bitstream/handle/10062/50296/GGG_juubelikoosolek_teesid_2015.pdf?sequence=1&isAllowed=y

E-learning repository search agent

Õunapuu, Enn Proceedings of the Eighth IASTED International Conference on Computers and Advanced Technology in Education : August 29-31, 2005, Oranjestad, Aruba 2005 / p. 210-216 https://www.academia.edu/63163858/E_Learning_Repository_Search_Agent

Embedding symbolic reasoning to reactive control

Küngas, Peep Databases and information systems : proceedings of the Fifth International Baltic Conference : Baltic DB & IS 2002 : Tallinn, June 3-6, 2002. Vol. 2 2002 / p. 263-268

Engineering societal information systems by agent-oriented modeling

Taveter, Kuldar; Du, Hongying; Huhns, Michael N. Journal of ambient intelligence and smart environments 2012 / p. 227-252 <https://content.iospress.com/articles/journal-of-ambient-intelligence-and-smart-environments/ais149>

Enhancing situation-awareness, cognition and reasoning of ad-hoc network agents = Spontaanvõrgu agentide situatsiooniteadlikkuse, taju ja arutlusvõime täiendamine

Preden, Jürjo-Sören 2010 https://www.ester.ee/record=b2607110*est

From agent-oriented models to profile driven military training scenarios

Shvartsman, Inna; Taveter, Kuldar Intelligent Distributed Computing VII : proceedings of the 7th International Symposium on Intelligent Distributed Computing - IDC 2013, Prague, Czech Republic, September 2013 2014 / p. 317-322 https://doi.org/10.1007/978-3-319-01571-2_37 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

From conceptual models to training scenarios for winning hearts and minds

Shvartsman, Inna; Taveter, Kuldar Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK kuuenda aastakonverentsi artiklite kogumik : 3.-5. oktoobril 2012, Laulasmaa 2012 / p. 85-88 : ill

From descriptive to prescriptive models of agent-oriented information systems

Taveter, Kuldar Agent-Oriented Information Systems 2001 : proceedings of the Third International Bi-Conference Workshop : AOIS-2001 : 28 May 2001, Montreal (Canada) and 4 June 2001, Interlaken (Switzerland) 2001 / ? p

Handbook of research on emerging rule-based languages and technologies : open solutions and approaches

Giurca, Adrian; Gašević, Dragan; **Taveter, Kuldar** 2009 https://www.ester.ee/record=b2510538*est

Handbook of research on emerging rule-based languages and technologies : open solutions and approaches

Giurca, Adrian; Gašević, Dragan; **Taveter, Kuldar** 2009 https://www.ester.ee/record=b2510538*est

How can agents help in designing complex systems?

Taveter, Kuldar; Meriste, Merik Journal of telecommunication, electronic and computer engineering 2017 / p. 1-8 : ill <http://journal.utem.edu.my/index.php/jtec/issue/view/140> [Journal metrics at Scopus](#) [Article at Scopus](#)

Integrating Oracle enterprise service bus with JADE agents

Kimlaychuk, Vadim IEEE 6th International Conference on Computational Cybernetics : November 27-29, 2008 2008 / p. 59-61 <https://ieeexplore.ieee.org/document/4721379>

Integrating UML, the Q-model and a multi-agent approach in process and behaviour models of organisations

Savimaa, Raul Proceedings of the International Conference on Cybernetics and Information Technologies, Systems and Applications (CITSA 2004) [and] 10th International Conference on Information Systems Analysis and Synthesis (ISAS 2004) : Orlando, Florida, USA. Vol. 1 2004 / p. 167-171 <https://www.iiisci.org/journal/PDV/sci/pdfs/P843346.pdf>

Integrating UML, the Q-model and a multi-agent approach in process specifications and behavioural models of organisations

Savimaa, Raul Journal of systemics, cybernetics and informatics 2006 / 4, p. 45-57 <https://www.iiisci.org/journal/PDV/sci/pdfs/P843346.pdf>

Java agents that realize business rules

Taveter, Kuldar Proceedings of the Fifth International Conference on the Practical Application of Intelligent Agents and Multiagent Technology : April 19-21, 1999, London, UK 1999 / p. 471-472

Kasutusjuhend ja eesmärgimudelid

Taveter, Kuldar A & A 2010 / 1, lk. 6-8 : ill https://artiklid.elnet.ee/record=b1965430*est

Knowledge based software engineering

Penjam, Jaan; Tõugu, Enn Annual report of the Estonian Academy of Sciences 1993 1994 / p. 38-39 : fig

Knowledge-based software engineering : proceedings of the Seventh Joint Conference on Knowledge-Based Software Engineering

Tõugu, Enn; Yamaguchi, Takahira 2006 https://www.ester.ee/record=b2172177*est

Location awareness of information agents

Meriste, Merik; Helekivi, Jüri; Kelder, Tõnis; Marandi, Andres; **Mõtus, Leo; Preden, Jürjo-Sören** Advances in Databases and Information Systems : 9th East European Conference, ADBIS 2005 : Tallinn, Estonia, September 12-15, 2005 : proceedings 2005 / p. 199-208 : ill https://link.springer.com/chapter/10.1007/11547686_15

Method for rapid prototyping of societal information systems

Taveter, Kuldar; Du, Hongying; Huhns, Michael N. Proceedings of the Federated Conference on Computer Science and Information Systems : FedCSIS 2012 : Wrocław, Poland, 9-12 September, 2012 2012 / p. 1221–1228 : ill <https://annals-csis.org/proceedings/2012/pliks/310.pdf>

A method of conceptual modelling for realistic training scenarios

Shvartsman, Inna; Taveter, Kuldar; Meriste, Merik ICAART 2013 - proceedings of the 5th International Conference on Agents and Artificial Intelligence, : Barcelona, Spain, 15-18 February, 2013. Volume 1 2013 / p. 443-446

Modelling emergent behaviour of organisations : time-aware, UML and agent based approach = Ilmneva käitumise modelleerimine organisatsioonides : ajatundlik, UML ja agendipõhine lähenemine

Savimaa, Raul 2005 https://www.ester.ee/record=b2068668*est

Multiagent modelling of a bacterial cell, a DnaA titration model based agent model as an example

Lints, Taivo Proceedings of the Ninth Symposium on Programming Languages and Software Tools : Tartu, Estonia, August 13-14, 2005 2005 / p. 82-96 : ill

A multi-perspective methodology for agent-oriented business modelling and simulation

Taveter, Kuldar 2004 http://www.ester.ee/record=b1910546*est

A new approach to the modeling, design and implementation of business information systems

Taveter, Kuldar; Tamm, Boris, inform. Databases and Information Systems : Fourth International Baltic Workshop, Baltic DBAMPIS 2000 : Vilnius, Lithuania, May 1-5, 2000 : selected papers 2001 / p. 317-335 : ill https://link.springer.com/chapter/10.1007/978-94-015-9636-7_25

On dynamic models for wind farms as systems of systems

Rannat, Kalev; Meriste, Merik; Mõtus, Leo; Preden, Jürjo-Sören 2012 7th International Conference on System of Systems Engineering : July 16-19, 2012, Genova, Italy : proceedings 2012 / p. 113-118 : ill <https://ieeexplore.ieee.org/document/6384160>

On geospatial agents

Meriste, Merik; **Mõtus, Leo**; Kelder, Tõnis; Helekivi, Jüri; Marandi, Andres Proc. 1st International Conference on Web Information Systems and Technologies : WEBIST2005 2005 / p. 210-213 <https://www.scitepress.org/PublishedPapers/2005/12304/12304.pdf>

On kenetic design of systems

Meriste, Merik; **Mõtus, Leo** 14th Nordic Workshop on Programming Theory : NWPT 2002, Tallinn, Estonia, 20-22 November 2002 : abstracts 2002 / p. 73-74

Requirements elicitation and specification using the agent paradigm : the case study of an aircraft turnaround simulator

Miller, Tim; Lu, Bin; Sterling, Leon; Beydoun, Ghassan; **Taveter, Kuldar** IEEE transactions on software engineering 2014 / p. 1007-1024 : ill <https://doi.org/10.1109/TSE.2014.2339827> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Requirements for a software agent system with self-consciousness

Tepandi, Jaak The 43rd Annual Conference of the International Society for the Systems Sciences : June 27-July 2, 1999, Asilomar, California 1999 / p. 407-408

SARI : an agent-based system for information retrieval

Taveter, Kuldar Arpakannus 1999 / 2, p. 5-9

Semantic formal reasoning solution for personalized home telecare

Kuusik, Alar; Reilent, Enar; Lõõbas, Ivor; Parve, Marko Proceedings of 2010 International Conference on Mechanical and Electrical Technology (ICMET 2010) : Singapore, September 10-12, 2010 2010 / p. 72-76 <https://ieeexplore.ieee.org/document/5598496>

Simulating a societal information system for healthcare

Du, Hongying; **Taveter, Kuldar**; Huhns, Michael N. Proceedings of the Federated Conference on Computer Science and Information Systems : FedCSIS 2012 : Wrocław, Poland, 9-12 September, 2012 2012 / p. 1239–1246 : ill <https://ieeexplore.ieee.org/document/6354369>

Simulation and prototyping of sociotechnical systems using agent-oriented modelling = Sotsiotehniliste süsteemide simulatsioon ja prototüüpimine kasutades agentorienteeritud modelleerimist

Mahunnah, Msury 2019 <https://digi.lib.ttu.ee/i/?11297>

Situation awareness of computing agents

Pređen, Jürjo-Sören Thirteenth Estonian Winter School in Computer Science (EWSCS'08) : Park Hotel Palmse, Lahemaa, Estonia : March 2-7, 2008 2008 / [1] p. (Student talks and posters 2008 (abstracts))

Some issues in multi-agent resource allocation

Veski, Andre Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK kuuenda aastakonverentsi artiklite kogumik : 3.-5. oktoobril 2012, Laulasmaa 2012 / p. 101-104

Sülemiintellektitehnika

Leis, Paul A & A 2007 / 1, lk. 3-5 : ill https://artiklid.elnet.ee/record=b1020322*est

Task knowledge patterns reuse in multi-agent systems development

Cheah, WaiShiang; Sterling, Leon; **Taveter, Kuldar** Principles and Practice of Multi-Agent Systems : 13th International Conference, PRIMA 2010, Kolkata, India, November 12-15, 2010 : revised selected papers 2012 / p. 459-474 : ill https://link.springer.com/chapter/10.1007/978-3-642-25920-3_33

The art of agent-oriented modeling

Sterling, Leon; **Taveter, Kuldar** 2009 https://www.ester.ee/record=b2526826*est

The use of deontic notions in agent-oriented business information systems

Taveter, Kuldar Proceedings of the Finnish Artificial Intelligence Days (STeP'2000) : Espoo, Finland, August 28-31, 2000 2000 / p. 77-83

Towards distributed sociotechnical system for reporting critical laboratory results

Mahunnah, Msury; Koorts, Annike; **Taveter, Kuldar** HEALTHINF 2013 - Proceedings of the International Conference on Health Informatics, Barcelona, Spain, 11-14 February, 2013 2013 / p. 269-276

Using agent and UML technologies in modelling organizations : the case of a vehicle theft

Savimaa, Raul Proceedings of the Estonian Academy of Sciences. Engineering 2005 / 1, p. 31-45 : ill

Using web services and software agents in enterprise systems

Õunapuu, Enn Proceedings of the 13th Turkish Symposium on Artificial Intelligence and Neural Networks : 10-11 June 2004, Foca, Izmir 2004 / p. 255-261

Using web services and software agents in web-based educational systems

Õunapuu, Enn The IASTED International Conference on Web-Based Education : WBE 2004 : February 16-18, 2004, Innsbruck, Austria 2004 / p. 428-432

Validating the usage of occupational classification systems in the process of creating a national virtual competency assistant within the EU labor market

Liutkevičius, Markko; Erlenheim, Regina Proceedings of the 14th International Conference on Theory and Practice of Electronic Governance (ICEGOV 2021), 6 – 8 October 2021, Athens, Greece 2022 / p. 254–259 <https://doi.org/10.1145/3494193.3494228>
[Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Web services and software agents usage in web-based educational systems

Õunapuu, Enn IT Innovation in a Changing World : proceedings of the 10th International Conference of European University Information Systems, Bled, Slovenia, June 29-July 2, 2004 2004 / p. 56-60